



PERKINS —
EASTMAN

Human by Design

JONATHAN
CECI
LANDSCAPE
ARCHITECTS

APRIL 04, 2023

THE ALAN AND AMY MELTZER CENTER FOR ATHLETIC PERFORMANCE (MELTZER CENTER) AND SPORTS CENTER ANNEX (SCAN)



INDEX

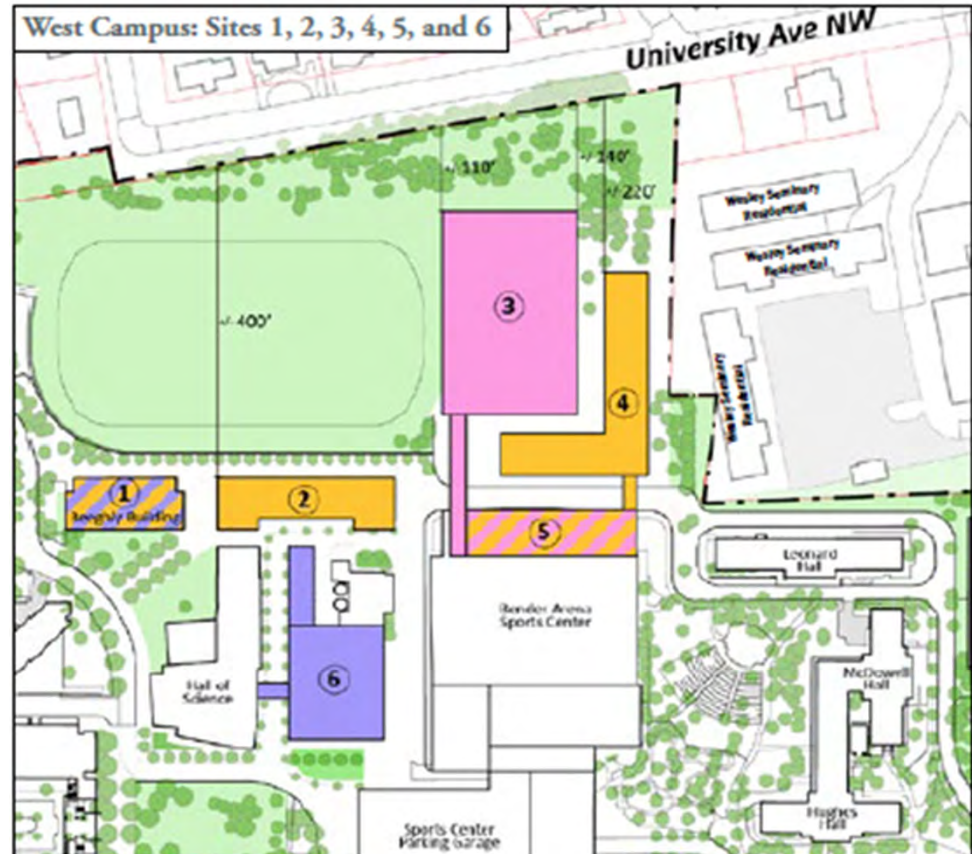
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CAMPUS PLAN 2021



AMERICAN UNIVERSITY 2021 CAMPUS PLAN – APPROVED WEST CAMPUS



- Site 3: Meltzer Center
- Site 5: SCAN

Notes:

- Diagram for development sites are conceptual and do not reflect final building footprints
- Landscaping elements are illustrative and conceptual

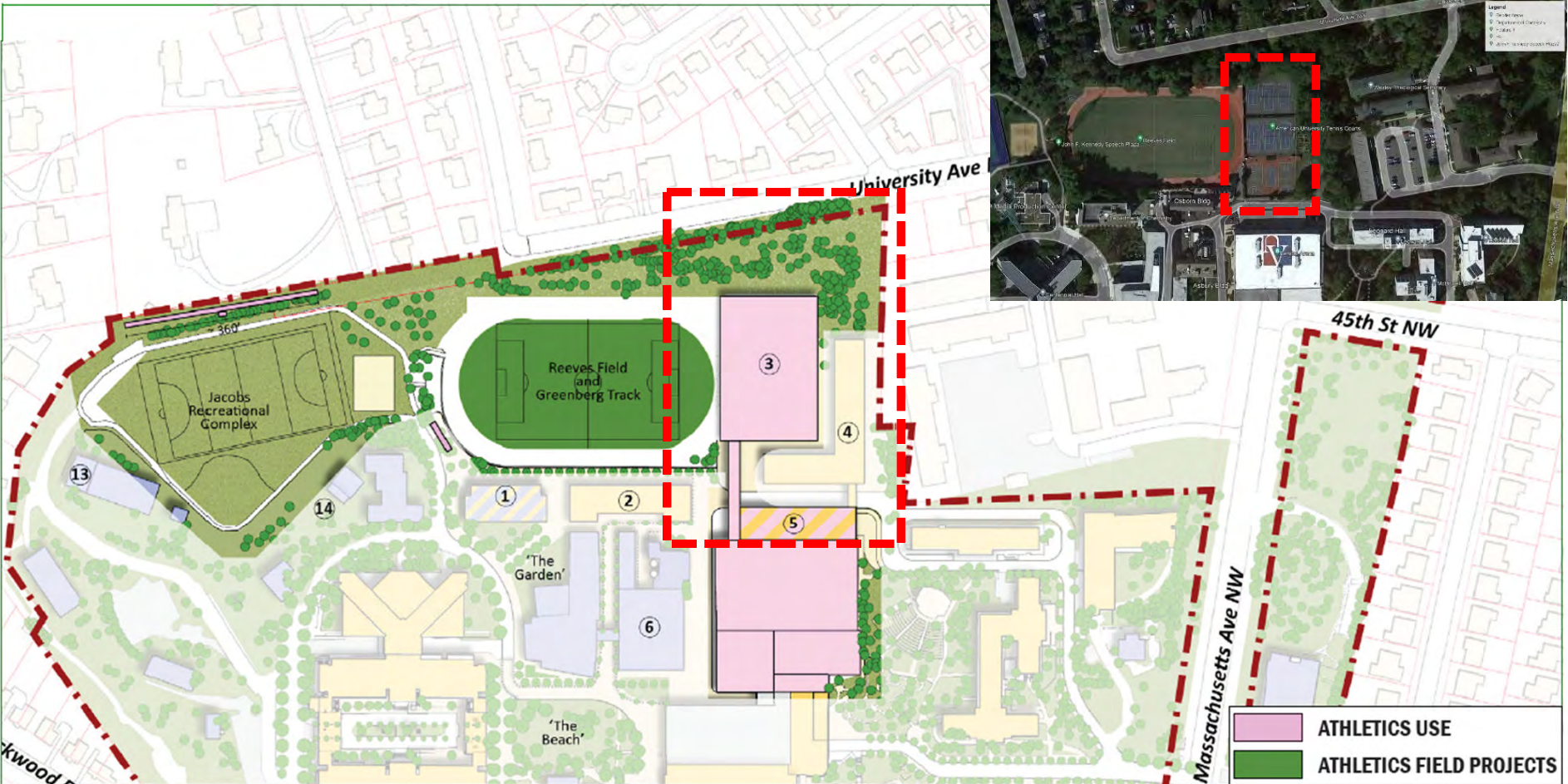
PRIMARY BUILDING USES

- academic/Administrative
- residential/ Campus Life
- athletics



0' 150' 300'

MELTZER CENTER/SCAN PROJECT AREA – 2021 CAMPUS PLAN





ZONING AND SETBACK ANALYSIS



*APPROVED CAMPUS PLAN VS. SMALLER PROPOSED PLAN

MELTZER CENTER

*APPROVED Campus Plan- Meltzer Center

266'
180'
3 Stories (Up to 60')
75,000 GFA
110'

PROPOSED Meltzer Center

Length 237'
Width 160'
Height 52'
Size (GFA) 54,018 GFA
Closest 180'-200'
Distance to
Univ. Ave.

*APPROVED Campus Plan- SCAN

236'
40'
5 Stories (up to 60')
55,000 GFA

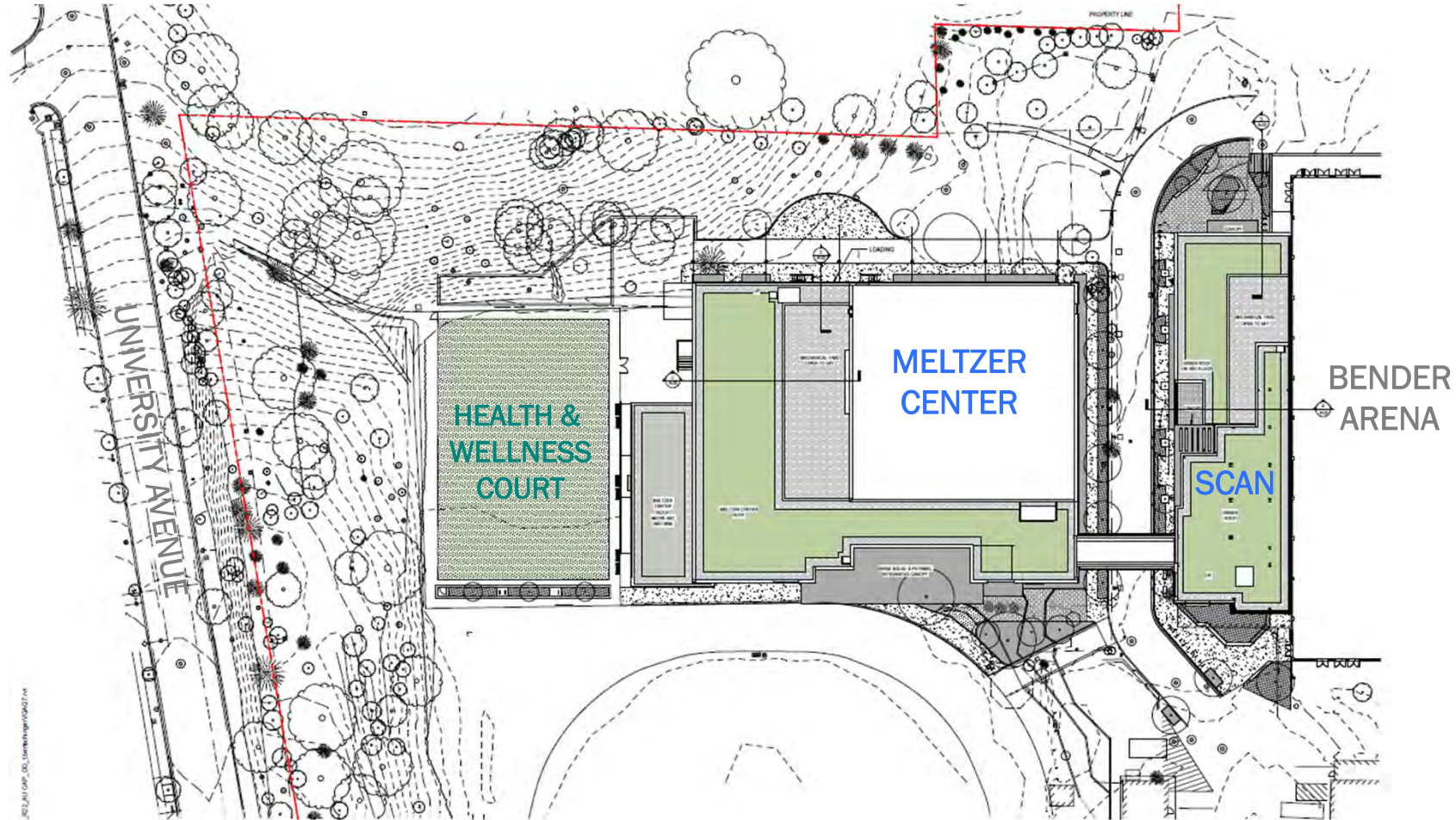
PROPOSED SCAN

Length 208'
Width 40'
Height 52'
Size (GFA) 33,111 GFA

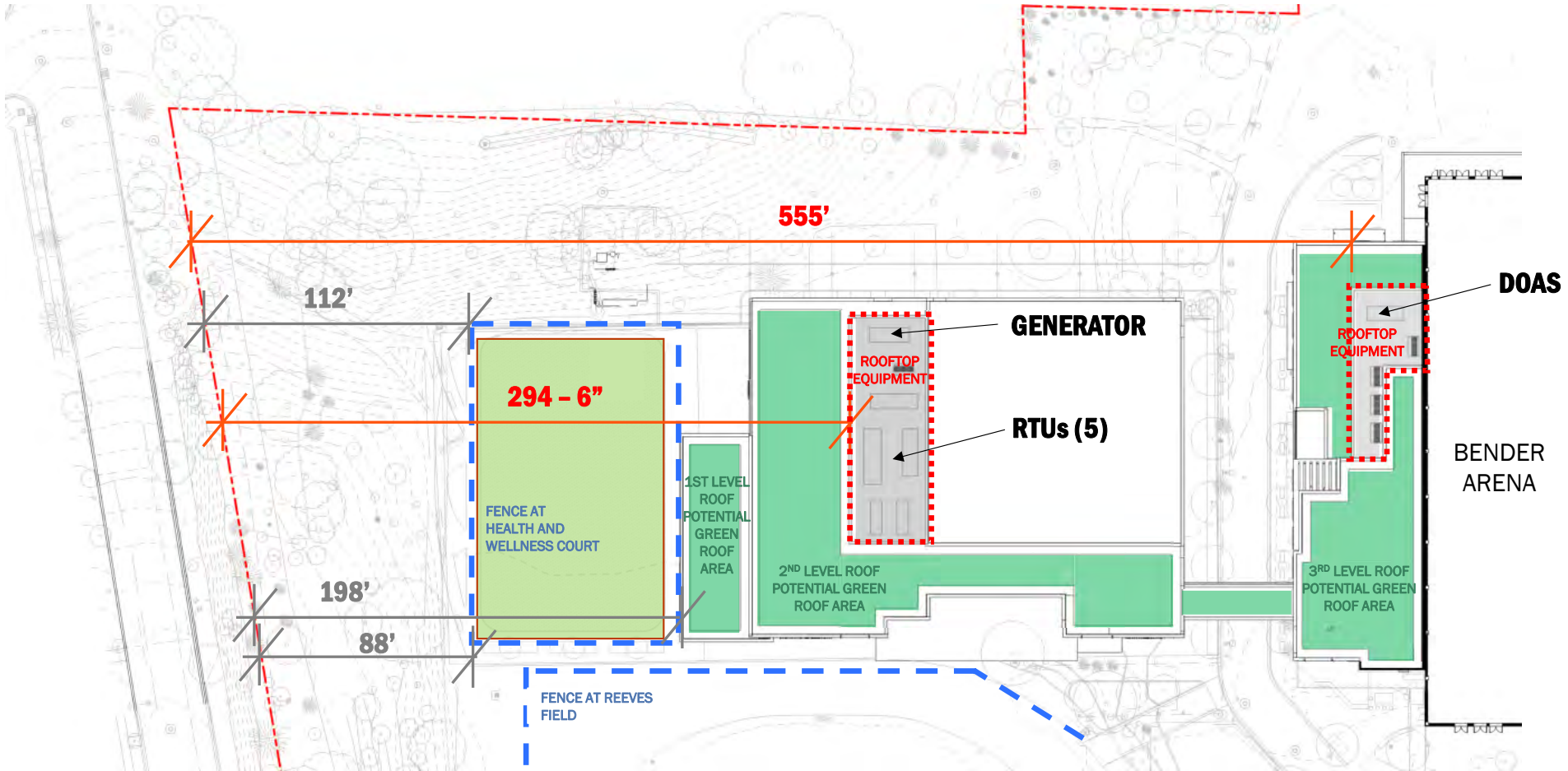
SCAN

*Per approved Campus Plan: Final lengths and widths to be determined as part of Further Processing.

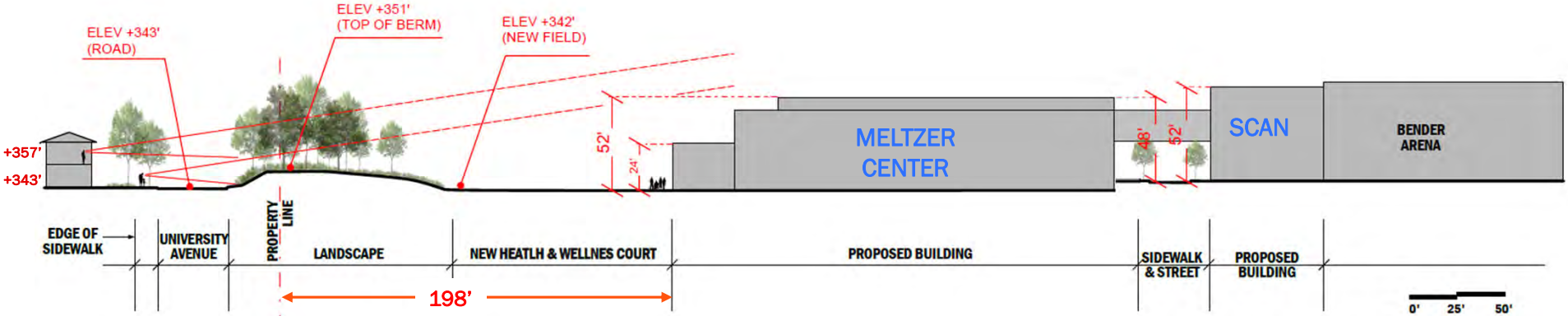
MELTZER CENTER/ SCAN PROJECT – PROPOSED SITE PLAN



MELTZER CENTER/SCAN PROJECT – PROPOSED MECH. EQUIP. DIAGRAM

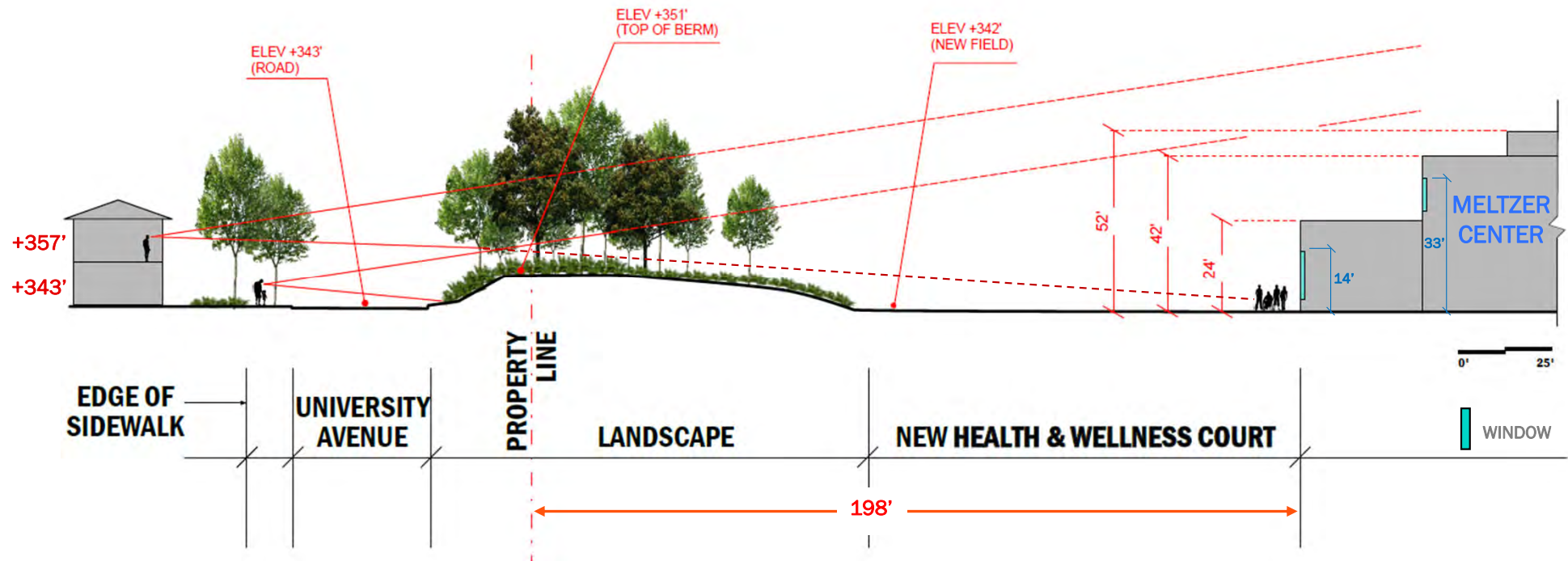


MELTZER CENTER/ SCAN PROJECT – SITE SECTION @ UNIV. AVE.



KEY PLAN

MELTZER CENTER/ SCAN PROJECT – SITE SECTION DETAIL

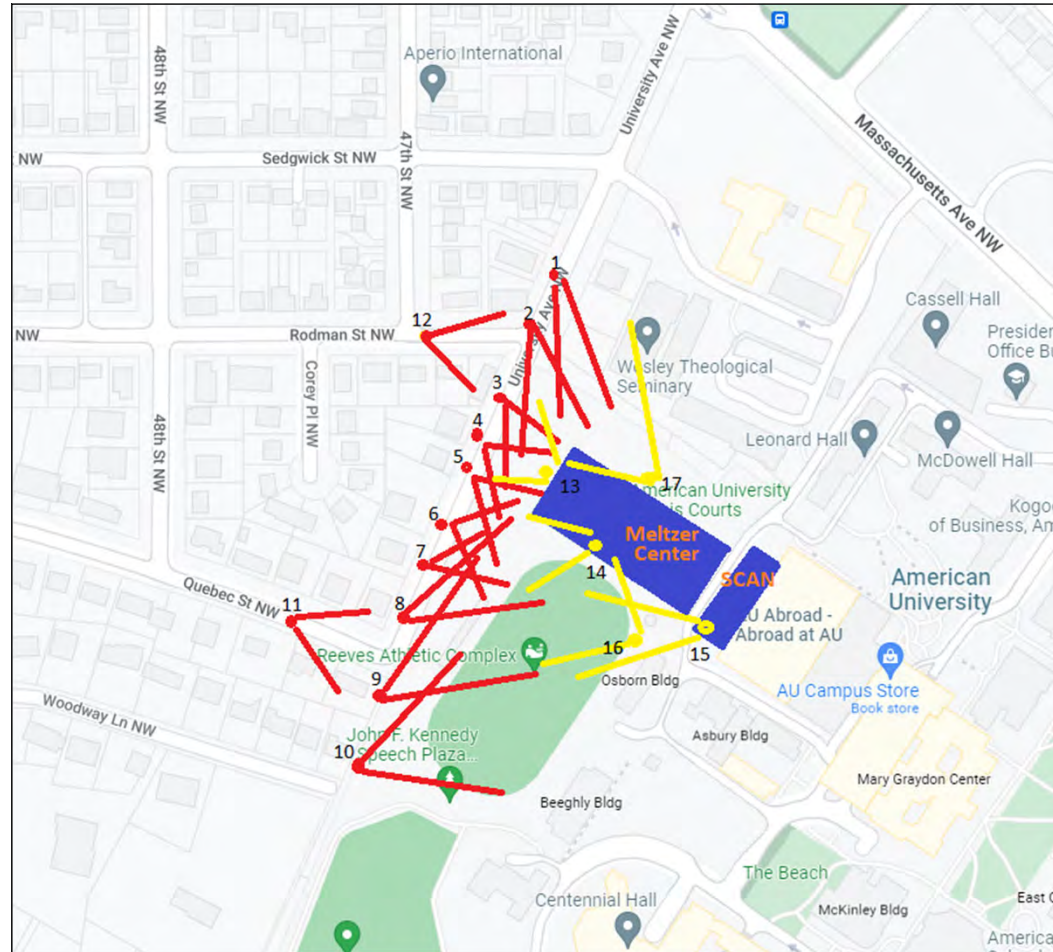




GEO-IMAGING



MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 1 - Existing



View 1 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 2 - Existing



View 2 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 3 - Existing



View 3 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 4 - Existing



View 4 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 5 - Existing



View 5 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 8 - Existing



View 8 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING



View 9 - Existing



View 9 – With New Building

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



Views from an elevated point toward the AU Meltzer Center



View 11



View 12

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



View from an elevated point looking towards University Avenue



View 13

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



Views from site looking towards University Avenue



View 14



View 17

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

View from an elevated point looking towards University Avenue



View 15

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



View from ground level looking towards University Avenue



View 16



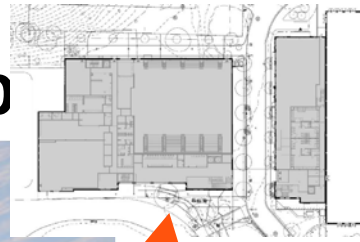
EXTERIOR RENDERINGS



MELTZER CENTER/SCAN – WEST VIEW FROM NEW PLAZA



MELTZER CENTER/SCAN – WEST VIEW FROM REEVES FIELD



This rendering may be updated in the future



MELTZER CENTER/SCAN – NORTH VIEW FROM UNIVERSITY AVENUE

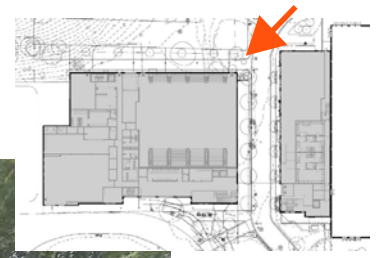


MELTZER CENTER/SCAN – NORTH VIEW FROM NEW SERVICE AL



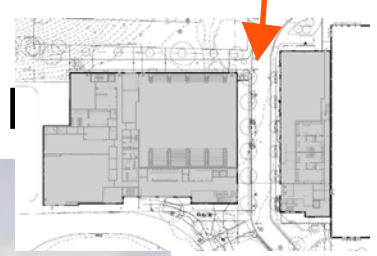
This rendering may be updated in the future

MELTZER CENTER/SCAN – SOUTH VIEW FROM SCAN



This rendering may be updated in the future

MELTZER CENTER/SCAN – EAST VIEW FROM EXISTING SERVICE I

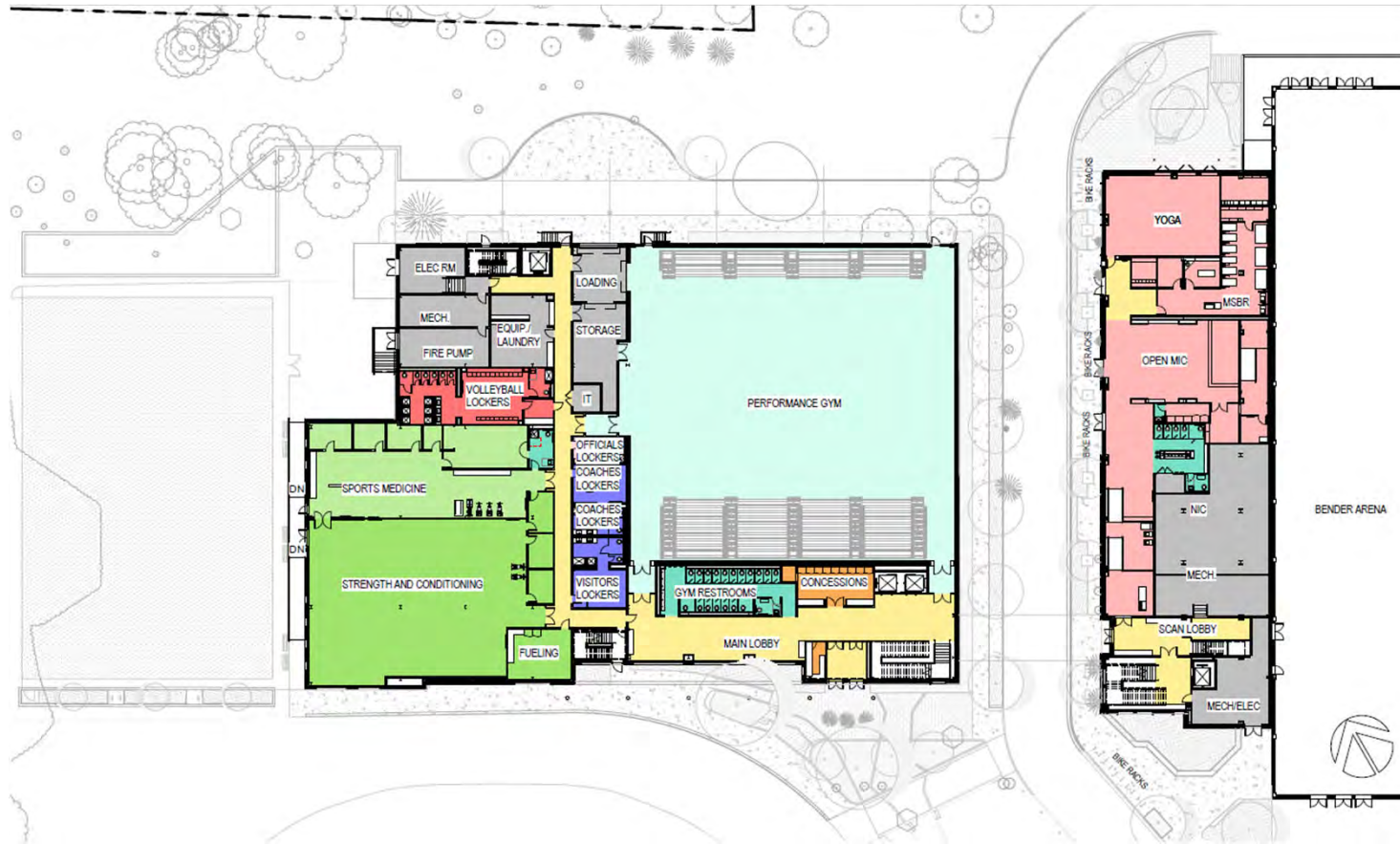


This rendering will be updated in the future

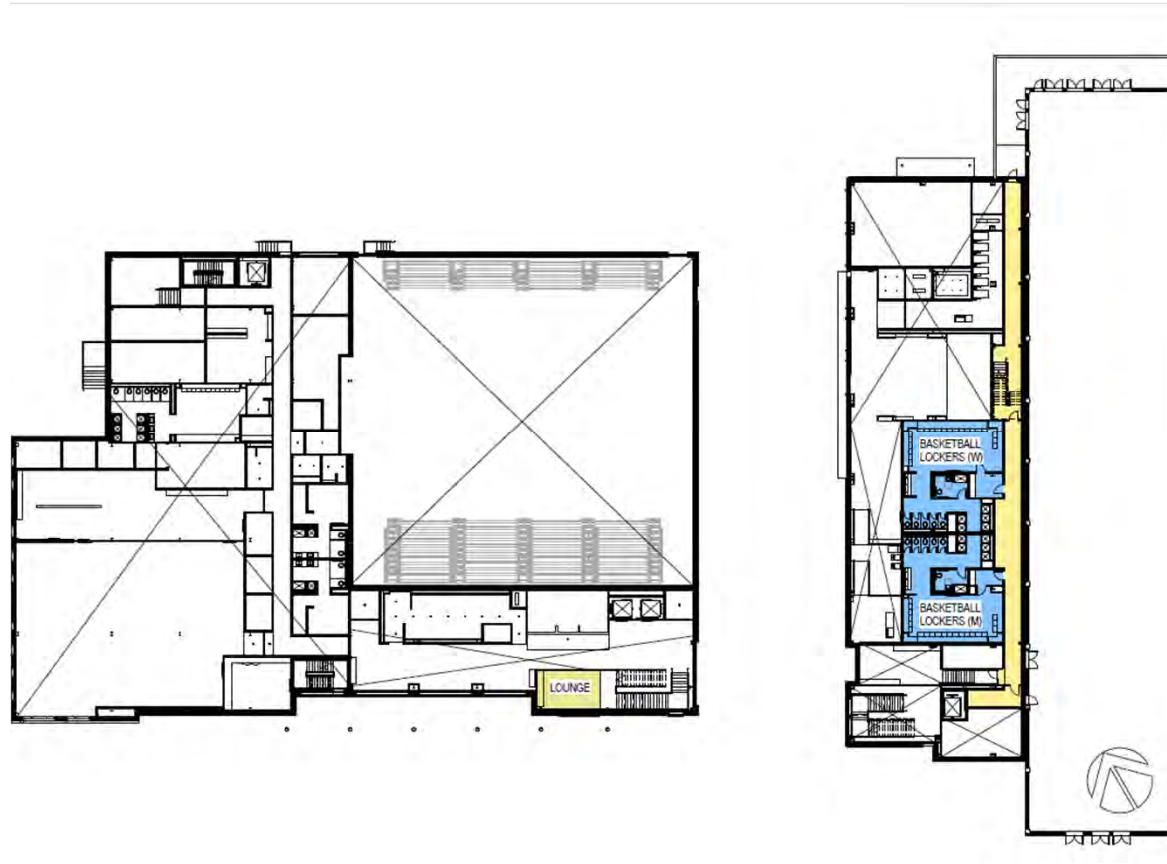


INTERIOR FLOOR PLANS

MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, FIRST LEVEL

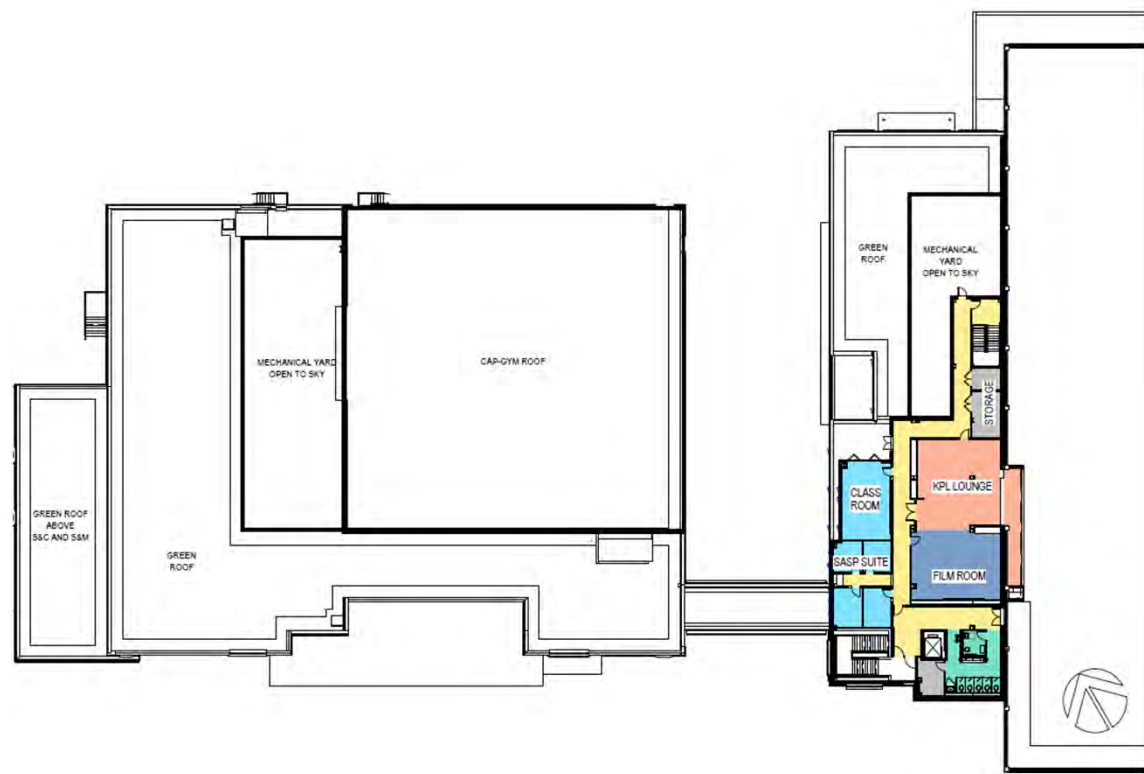


MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, MEZZANINE LEVEL





MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, 3RD LEVEL





LANDSCAPE PLAN



MELTZER CENTER/ SCAN PROJECT – PROPOSED LANDSCAPE PLAN





Each of the following planting approaches suggests a different palette of plant species based on anticipated growing conditions and microclimates:

Approach #1 – The Evergreen Windbreak

- **Primary Benefit:** May allow for the eventual maturation of a solid evergreen plant screen.
- **Key Considerations:** May require clear cutting areas of existing deciduous plantings, in order to create the growing conditions that are suitable for a robust evergreen screen, and the resultant screening may not appear very continuous in the early years after planting.

Approach #2 – The Woodland Understory

- **Primary Benefit:** Celebrates the existing woodland character of this campus edge by leaving much of the existing planting intact but with selective infill of evergreen understory specimens to densify the visual screening.
- **Key Considerations:** May not result in a dense solid wall of green but instead leaves intact a mature buffer that provides psychological foregrounding and separation from the campus.

Approach #3 – A Hybrid Approach

- **Primary Benefit:** Combines aspects of the first two approaches by being more opportunistic in looking to create dense clusters of new evergreen plantings in gaps in the canopy or where existing trees are aging and/or structurally unsound.
- **Key Considerations:** May not yield a wall of green but may fill some of the existing gaps and windows while preserving a sense of maturity along this campus edge.

PLANTING TYPE I TREES



E

THUJA GREEN GIGANT'



E

MAGNOLIA BRACKEN'S
BROWN BEAUTY



E

ILEX X NELLIE
STEVENS'



E

PICEA ORIENTALIS

PLANTING TYPE II SHRUBS



E

MYRTA
PENSYLVANICA



E

VIBURNUM X
PRAGENSE



D

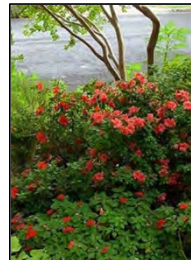
HAMAMELIS
VIRGINIANA



D

AESCULUS
PARVIFLORA

PLANTING TYPE III SMALL SHRUBS



E

AZALEA AUTUMN
EMBERS'



E

ILEX CRENATA



D

HYDRANGEA
QUERCIFOLIA



D

FOTHERGILLA BLUE
SHADOW'



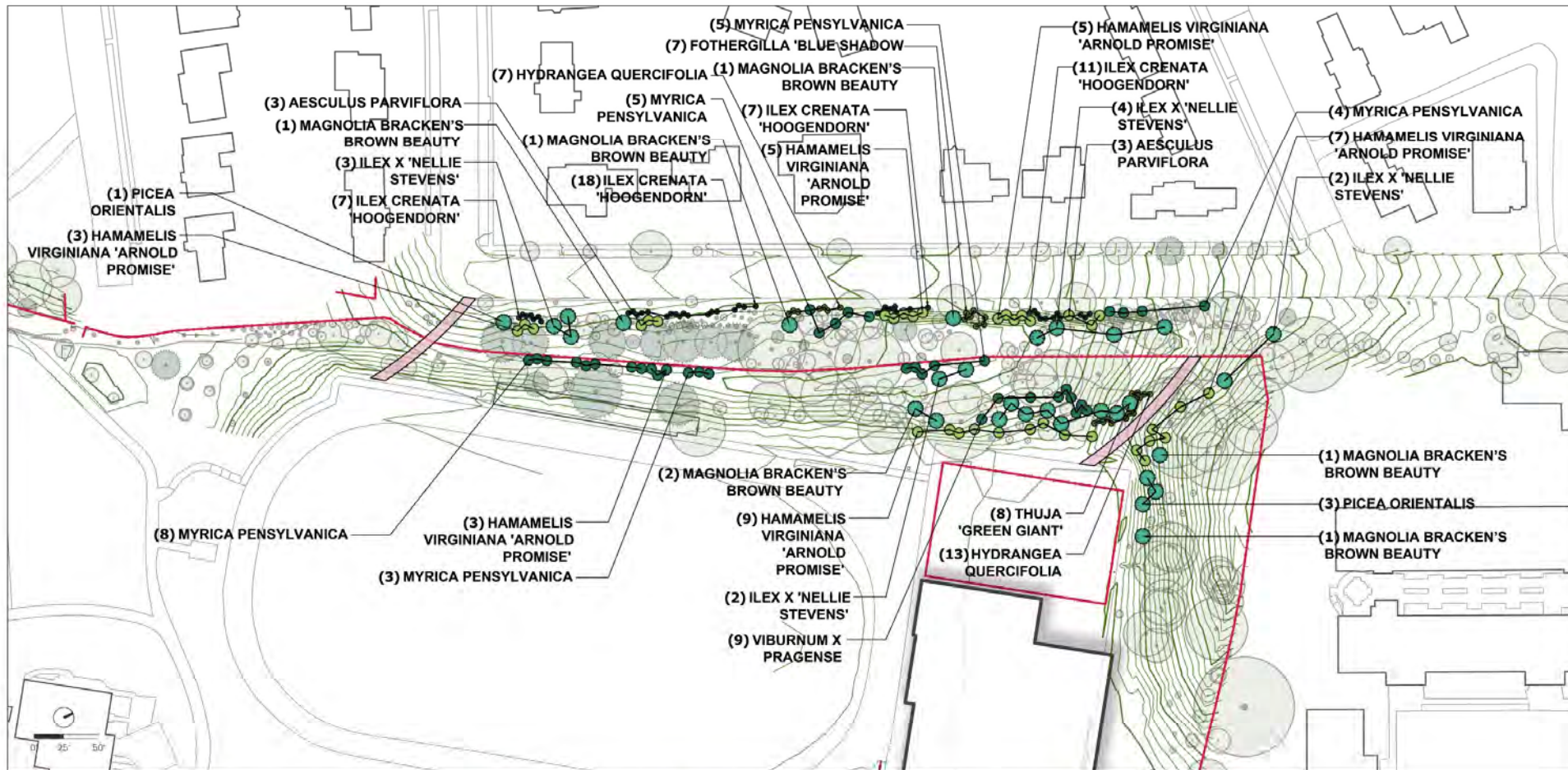
EXISTING CONDITION

DESIGNED TO SUPPLEMENT



SURGERY: REMOVAL, PRUNING AND TRANSPLANTING

DESIGNED TO SUPPLEMENT



● Evergreen trees
 ● Deciduous shrubs
 ● Evergreen shrubs
 ● Deciduous, small shrubs
 ● Evergreen, small shrubs

Proposed Mulch Paths

PLANTING PLAN

DESIGNED TO SUPPLEMENT

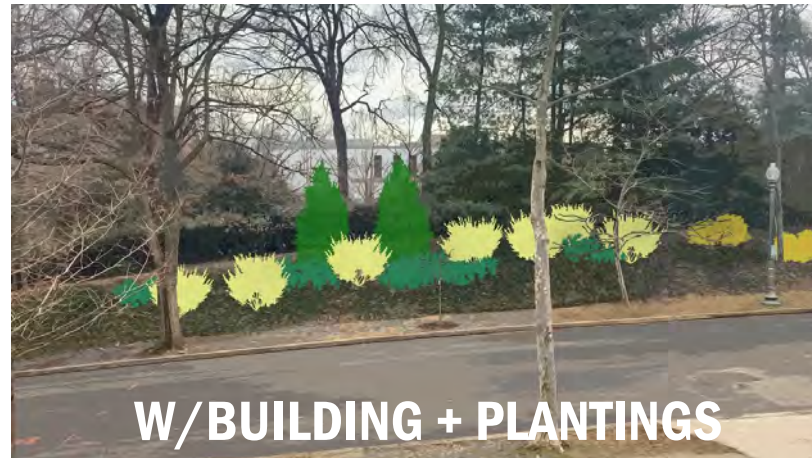
MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 2)



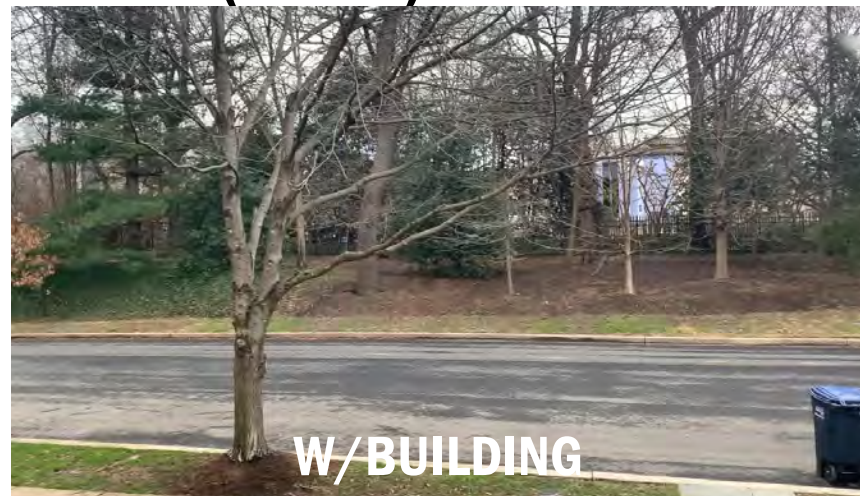
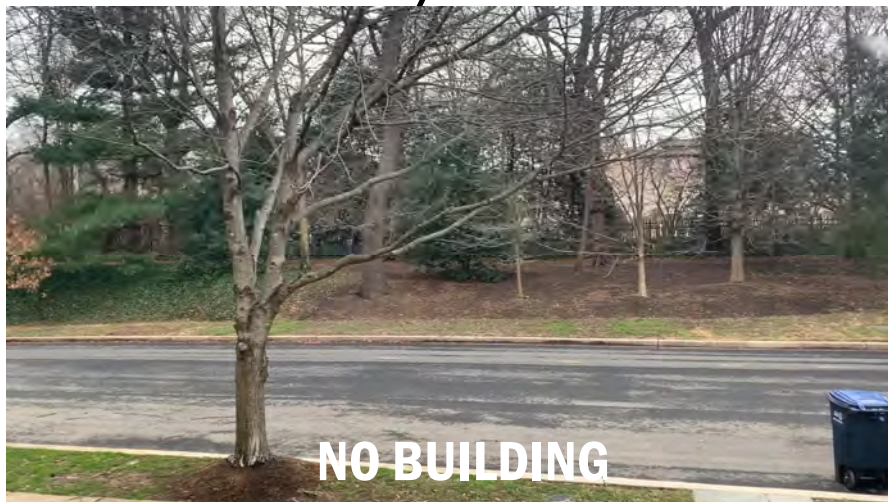
MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 3)



MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 4)












MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 6)



MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING (VIEW 13)





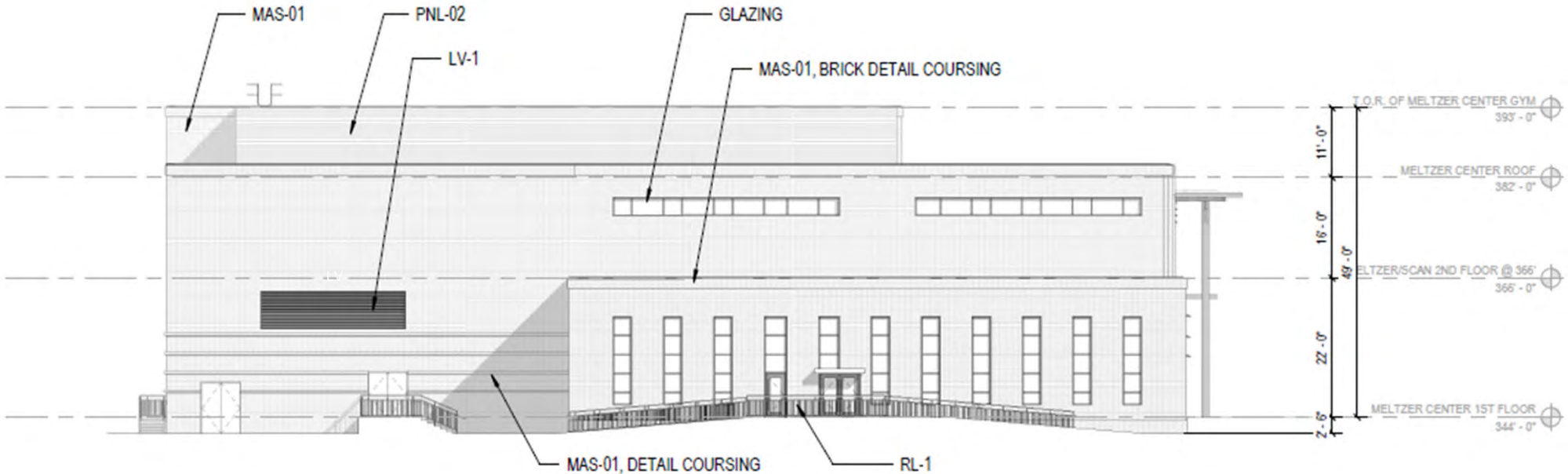
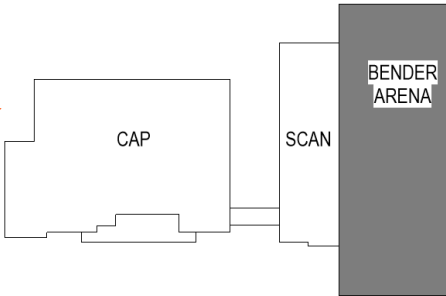
	MA-01 13 RUNNING BOND NORMAN BROWN (PEARL, GREY) - MORTAR (SAND/WHITE CLAY)
	MA-02 10 RUNNING BOND NORMAN BROWN (SPEERLEAF, FL. ELZBETH FLASHED) - MORTAR (SAND/WHITE CLAY)
	FM-01 COMPOSITE METAL PANEL (KALCOBOND PEWTER, KYNAR FINISH)
	FM-02 COMPOSITE METAL PANEL (CENTRIA 35-350 SILVERMATH, KYNAR FINISH)
	AL-1 ALUMINUM COPING (KYNAR, COLOR TBD), AT TBD
	MTL-1 GALVANIZED STEEL, COLOR MATCH FM-01
	MTL-2 ALUMINUM EXTRUSION (KYNAR, SILVERMATH)
	LW-1 ARCHITECTURAL LOUVER (KYNAR, COLOR TBD)
	FL-1 ALUMINUM RAILING, MOUNTED TIE (RAP RAIL) (20 SERIES, COLOR MATCH FM-01)



NORTH ELEVATION: MELTZER CENTER

EXTERIOR MATERIALS LEGEND

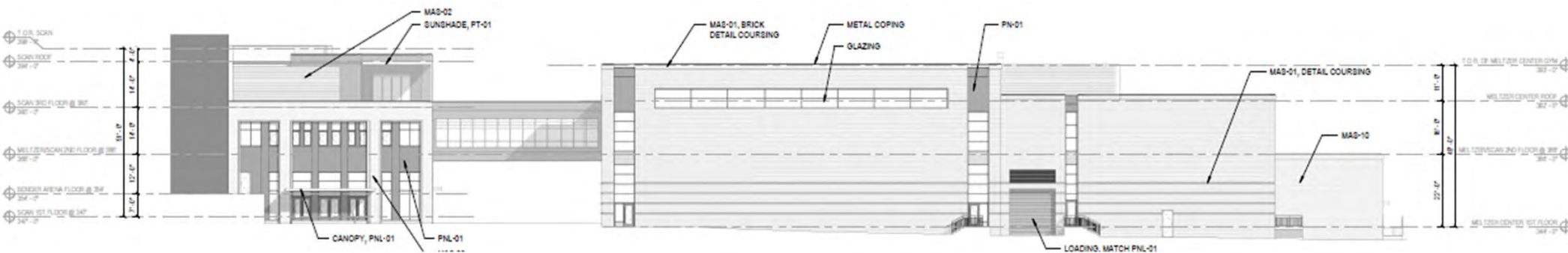
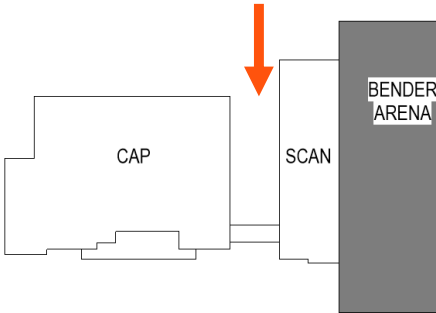
- MAS-01
1/2 RUNNING BOND NORMAN BRICK (TAYLOR PEARL, GREY) - MORTAR (SMA50/W2504 CLAY)
- MAS-02
1/2 RUNNING BOND NORMAN BRICK (GREENLEAF BRICK ELIZABETH FLASHED) - MORTAR (SM1975/W20202 (SMOKE))
- PNL-01
COMPOSITE METAL PANEL (ALUCOBOND PEWTER, KYNAR FINISH)
- PNL-02
COMPOSITE METAL PANEL (CENTRIA CS-250 SILVERSMITH, KYNAR FINISH)
- AL-1
ALUMINUM COPING (KYNAR, COLOR TBD) AT TBD
- MTL-1
GALVANIZED STEEL, COLOR MATCH PNL-01
- MTL-2
ALUMINUM EXTRUSION (KYNAR, SILVERSMITH)
- LV-1
ARCHITECTURAL LOUVER (KYNAR, COLOR TBD)
- RL-1
ALUMINUM RAILING, MOUNTED TBD (AAP RAILING 200 SERIES, COLOR MATCH PNL-01)



EAST ELEVATION: MELTZER CENTER/SCAN

EXTERIOR MATERIALS LEGEND

- MAS-01
1/2 RUNNING BOND NORMAN BRICK (TAYLOR PEARL, GREY) - MORTAR (SMA50/W2004 CLAY)
- MAS-02
1/2 RUNNING BOND NORMAN BRICK (GREENLEAF BRICK ELIZABETH FLASHED) - MORTAR (SM1975/W2002 (SMOKE))
- PNL-01
COMPOSITE METAL PANEL (ALUCOBOND PEWTER, KYNAR FINISH)
- PNL-02
COMPOSITE METAL PANEL (CENTRIA CS-260 SILVERSMITH, KYNAR FINISH)
- AL-1
ALUMINUM COPING (KYNAR, COLOR TBD) AT TBD
- MTL-1
GALVANIZED STEEL, COLOR MATCH PNL-01
- MTL-2
ALUMINUM EXTRUSION (KYNAR, SILVERSMITH)
- LV-1
ARCHITECTURAL LOUVER (KYNAR, COLOR TBD)
- RL-1
ALUMINUM RAILING, MOUNTED TBD (AAR RAILING 200 SERIES, COLOR MATCH PNL-01)



SOUTH ELEVATION: MELTZER CENTER

EXTERIOR MATERIALS LEGEND

- MAS-01
1/2 RUNNING BOND NORMAN BRICK (TAYLOR PEARL GREY) - MORTAR (SMA50/W2004 CLAY)
- MAS-02
1/2 RUNNING BOND NORMAN BRICK (GREENLEAF BRICK ELIZABETH FLASHED) - MORTAR (SM1975/W2002 (SMOKE))
- PNL-01
COMPOSITE METAL PANEL (ALUCOBOND PEWTER, KYNAR FINISH)
- PNL-02
COMPOSITE METAL PANEL (CENTRIA CS-260 SILVERSMITH, KYNAR FINISH)
- AL-1
ALUMINUM COPING (KYNAR, COLOR TBD) AT TBD
- MTL-1
GALVANIZED STEEL, COLOR MATCH PNL-01
- MTL-2
ALUMINUM EXTRUSION (KYNAR, SILVERSMITH)
- LV-1
ARCHITECTURAL LOUVER (KYNAR, COLOR TBD)
- RL-1
ALUMINUM RAILING, MOUNTED TBD (AAP RAILING 200 SERIES, COLOR MATCH PNL-01)

